

[ABSTRACT]

PAGE COMPOSING METHOD USING STORED PAGE ELEMENTS AND APPARATUS FOR
USING THE SAME.

5 The invention relates to a method and apparatus for merging page
elements according to a layout signal into one page for reproduction
on a reproduction device. The page elements are segmented into
smaller area tiles before storage stored into memory. Data from the
page elements includes metadata describing the position into the
10 memory of the sub-elements of the page element. Due to the used
format for the page elements, data needed during merging can be
retrieved, decompressed an processed quickly so merging can be done
in real time during printing. The format used for the area tiles
enables easy and fast execution of various image operations, such as
15 mirroring, rotation, etc...

Complexity data can be incorporated into the page element data,
giving information about the amount of processing required to
execute the merging.

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Fig. 1